

# WS IRWM Small Grant

Flowmeter installation at Good Humus Produce



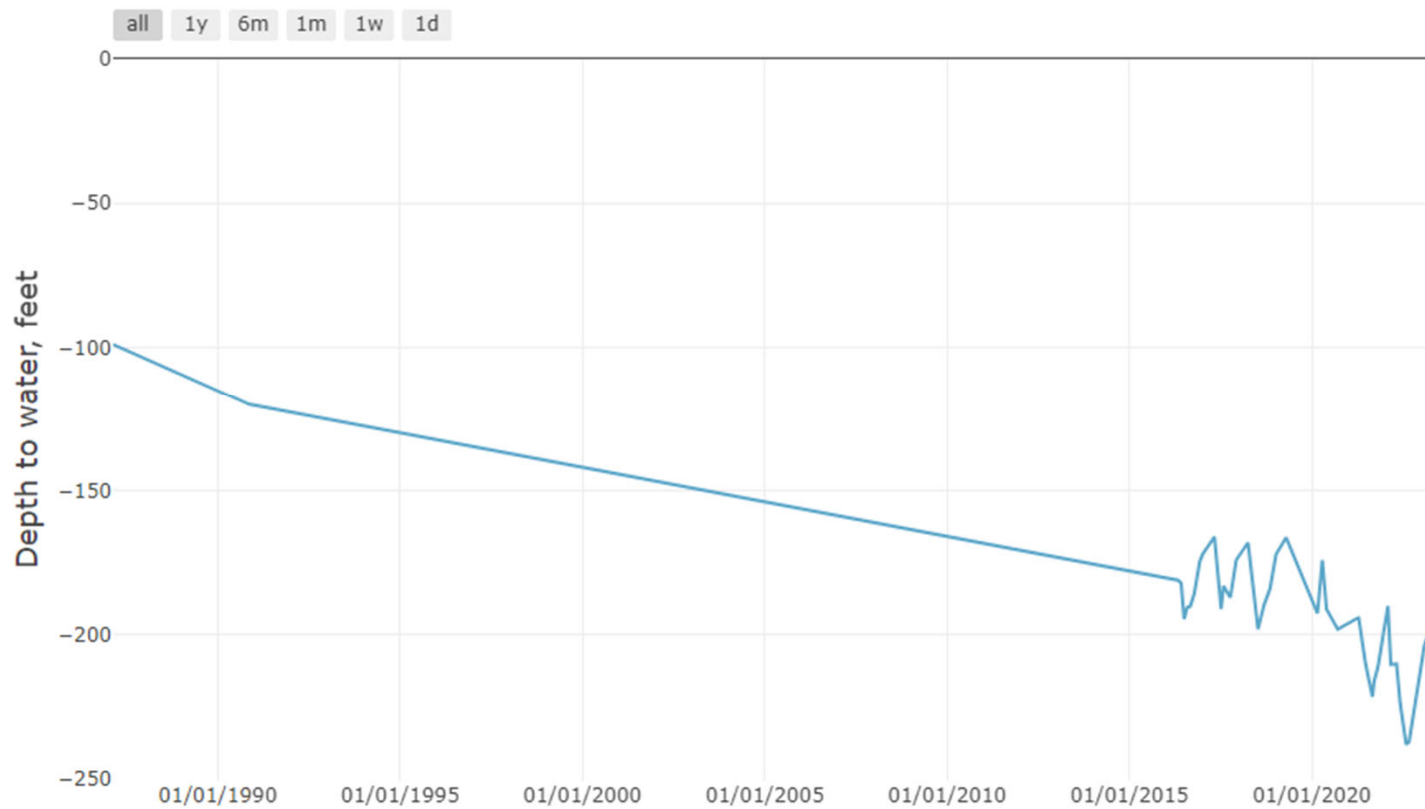
# Background

- YSGA received small grant funding to install flowmeters for landowners interested in gauging their water use
- Jeff and Annie Main of Good Humus Produce expressed interest
  - *Located in the Hungry Hollow*
- Hungry Hollow is an Area of Special Concern identified in the Yolo Subbasin Groundwater Sustainability Plan
  - *Many farms in the area are completely reliant on groundwater, no surface water connection*



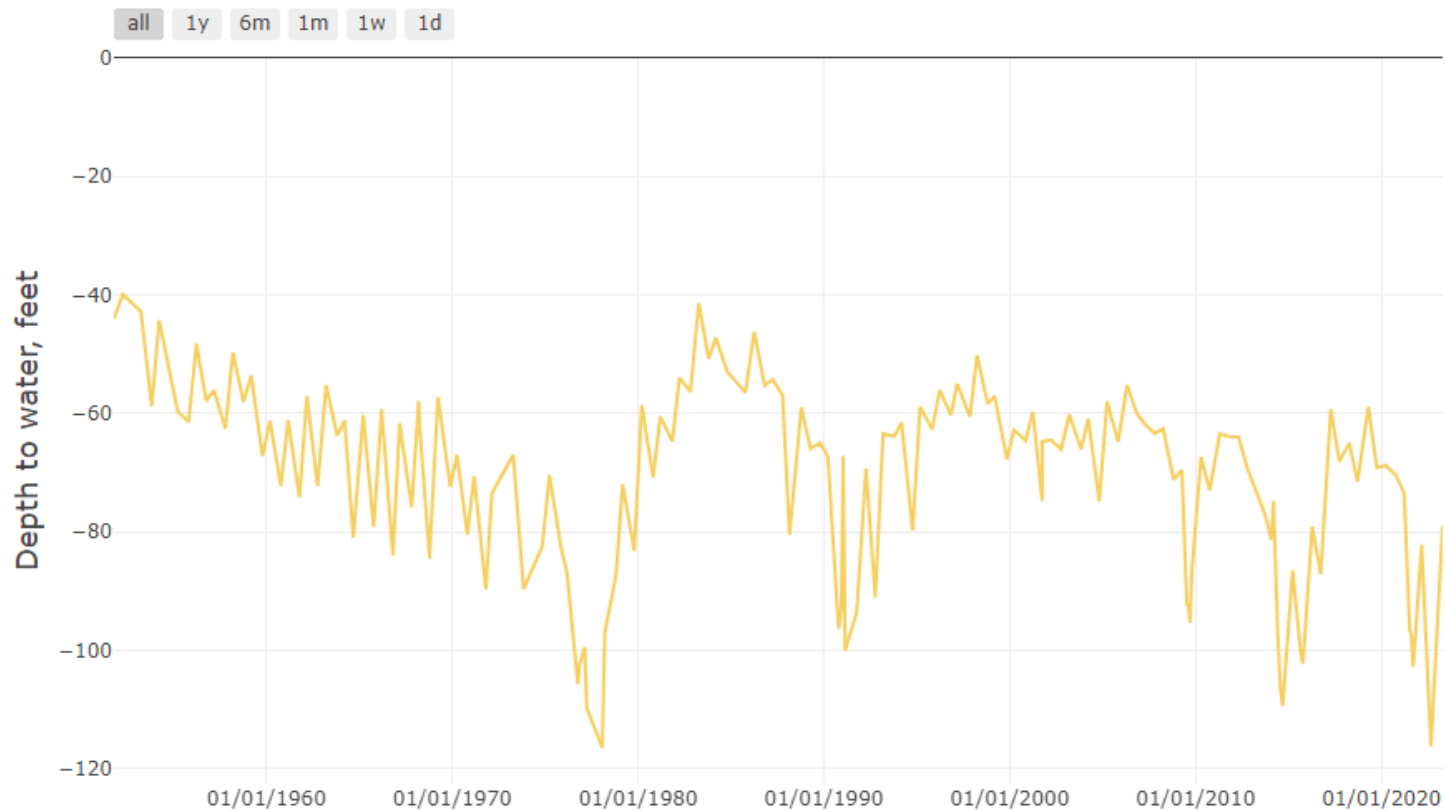
# Groundwater in the Hungry Hollow

State Well #11N02W35E002M



# Groundwater in the Hungry Hollow

State Well #10N02W14A001M



# Project Goals



Allow Good Humus to accurately monitor their water use for irrigation.



Water use data can be utilized to evaluate the effectiveness of water conservation strategies.



Installing a flowmeter on a YCFC monitoring well will provide valuable data that can be used to relate water production to observed groundwater levels.

# Project Overview

- AG90 Series Electromagnetic Insertion Flow Meter was installed on July 25, 2023
- AG90 was chosen for relative ease of installation
  - *A small hole is drilled in the outlet pipe, into which the electromagnetic probe is inserted*
- As of August 14, the meter read that 5.175 AF had been pumped by the well during peak irrigation season



# Installation



# Meter Reading





Thank you!

Questions?